

ELECTRONICALLY FILED ON 19 APRIL 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of inventor(s):

C. Brent Dane et al.

Application No. 10/766,635

Confirmation No. 3746

Filing Date: 28 January 2004

Title: Stimulated Brillouin Scattering Mirror
System, High Power Laser and Laser
Peening Method and System Using
Same

Group Art Unit: 2828

Examiner: Dung T. Nguyen

CUSTOMER NO. 22470

RESPONSE TO REQUIREMENT FOR ELECTION OF SPECIES

Sir:

In response to the office action mailed 24 March 2006, Applicants elect:

Group I: Claims 1-32 and 42 drawn to a laser system comprising a gain medium, a stimulated Brillouin scattering SBS mirror system, a relay telescope, and a baffle for prosecution on the merits.

A **Listing of Claims** begins on page 2 of this paper. This listing of the claims will replace all prior versions, and listings, of the claims in this application.

Remarks begin on page 10 of this paper.